

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD066003.D
 Acq On : 22 Jul 2020 15:54
 Operator : VA/SY
 Sample : L3360-04
 Misc : 6.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Jul 27 02:29:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

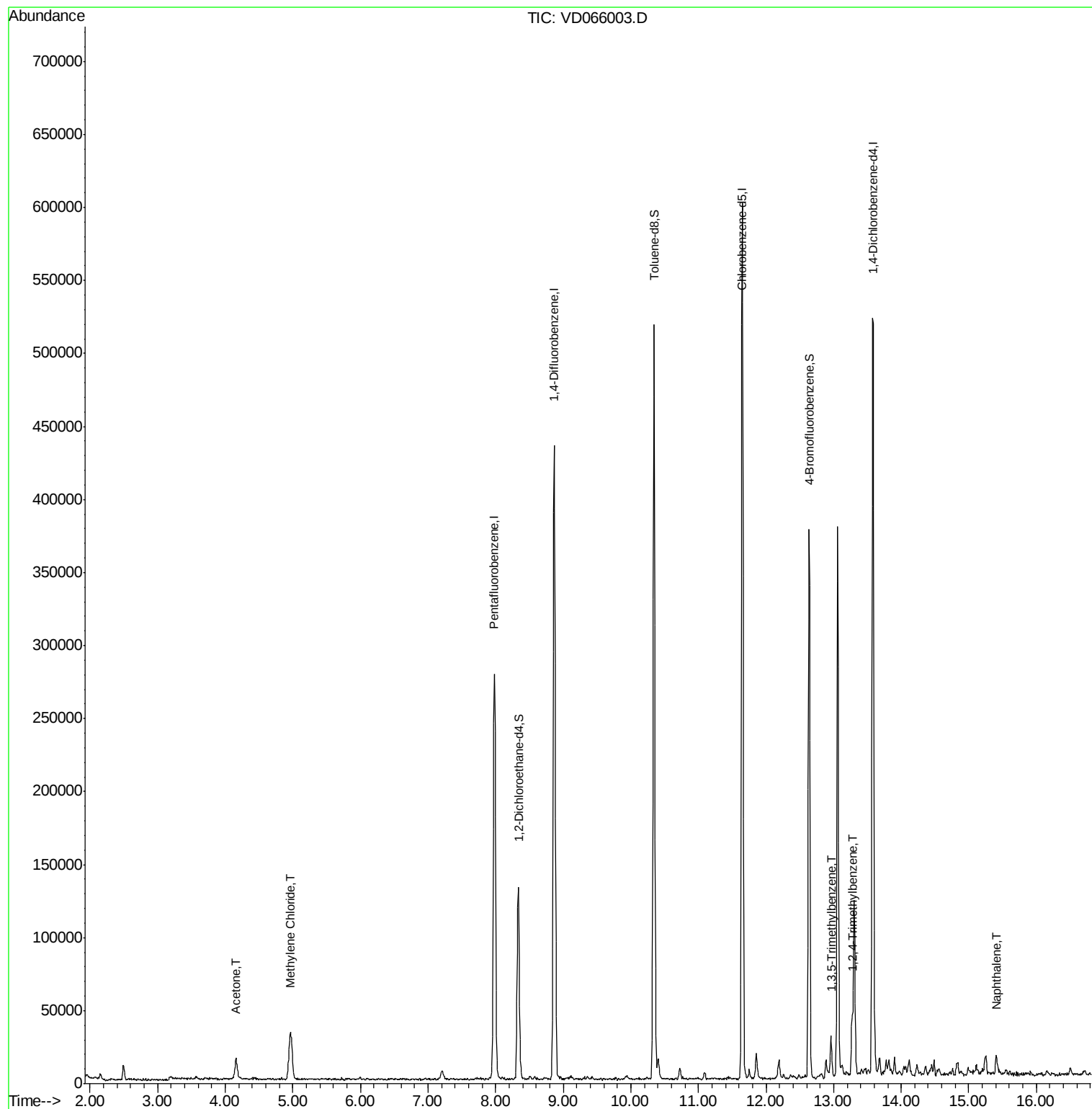
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	234448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	382700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	353136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	152780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	106876	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
35) Dibromofluoromethane	7.91	113	909	0.39	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	0.78%	
50) Toluene-d8	10.34	98	357844	41.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.76%	
62) 4-Bromofluorobenzene	12.64	95	119733	39.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.86%	
Target Compounds						
16) Acetone	4.16	43	25438	65.877	ug/l	96
20) Methylene Chloride	4.97	84	26624	10.104	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	9186	1.209	ug/l	91
84) 1,2,4-Trimethylbenzene	13.27	105	23023	3.072	ug/l	97
95) Naphthalene	15.40	128	12543	5.949	ug/l #	93

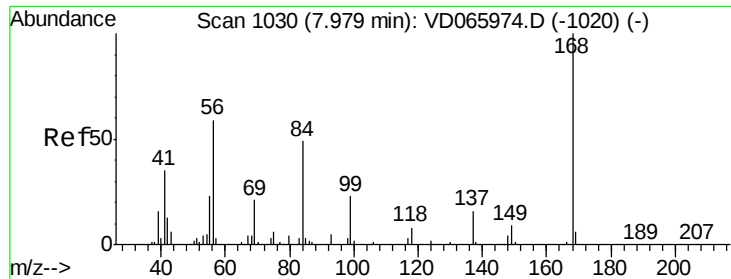
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072220\
Data File : VD066003.D
Acq On : 22 Jul 2020 15:54
Operator : VA/SY
Sample : L3360-04
Misc : 6.62G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-3

Quant Time: Jul 27 02:29:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066003.D

Acq: 22 Jul 2020 15:54

Instrument :

MSVOA_D

ClientSampleId :

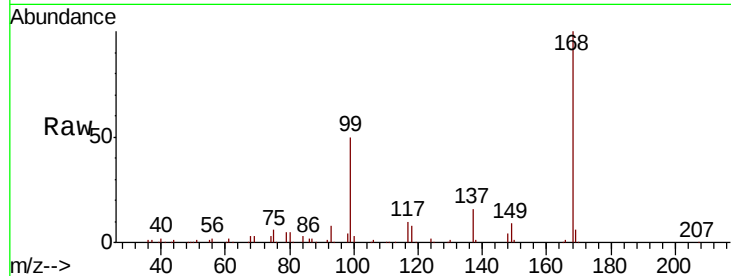
SP-3

Tot Ion:168 Resp: 234448

Ion Ratio Lower Upper

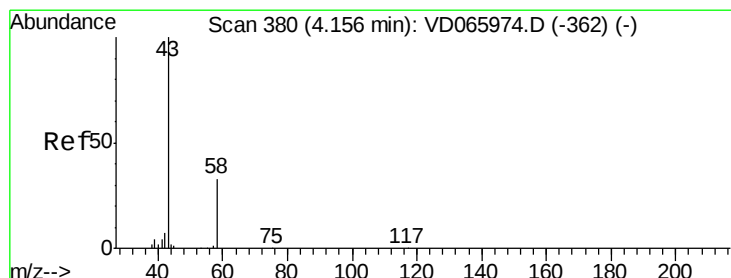
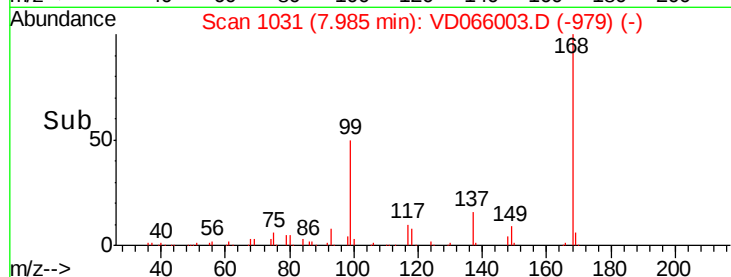
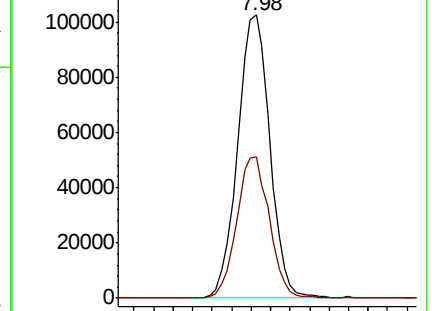
168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 65.877 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066003.D

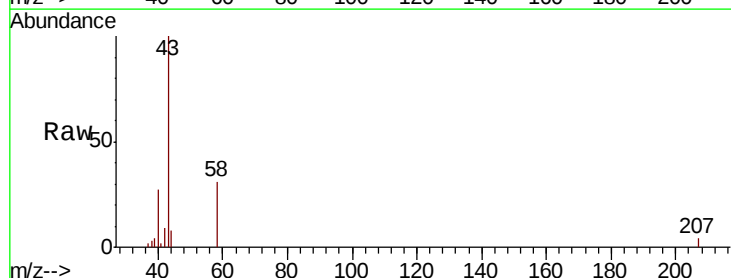
Acq: 22 Jul 2020 15:54

Tgt Ion: 43 Resp: 25438

Ion Ratio Lower Upper

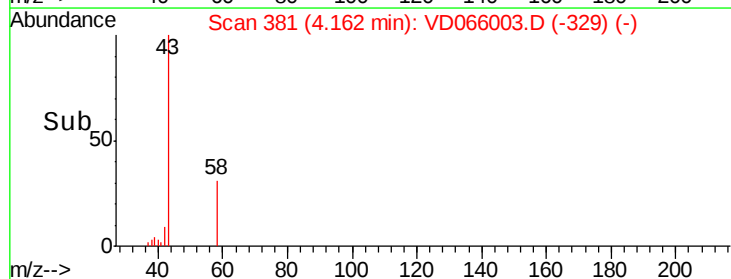
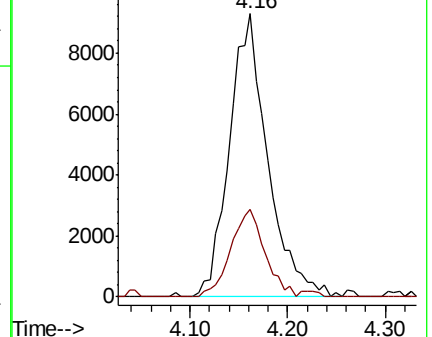
43 100

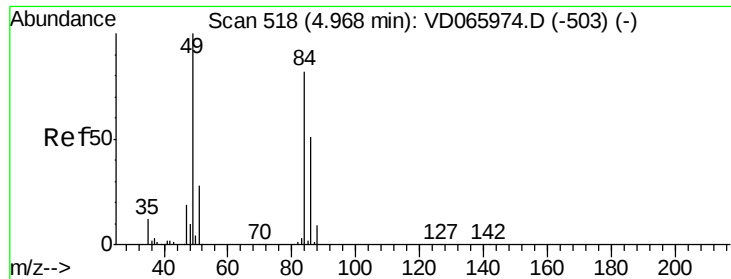
58 30.8 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

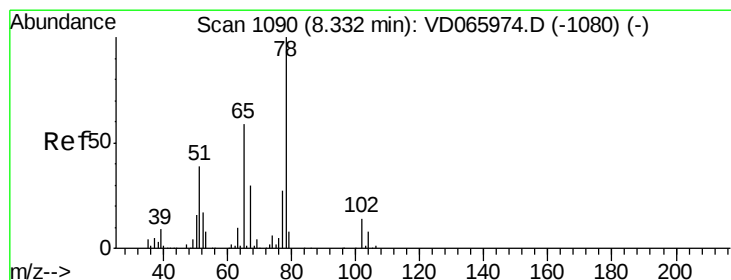
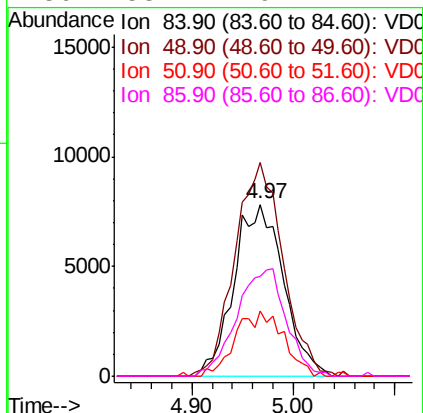
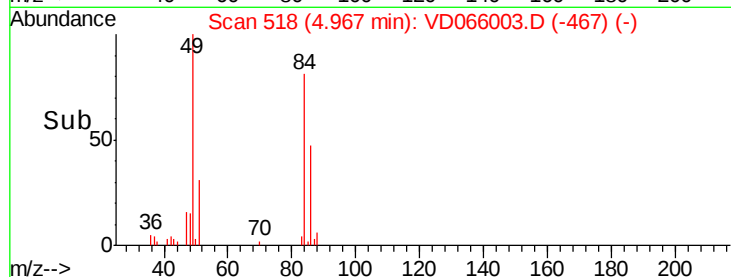
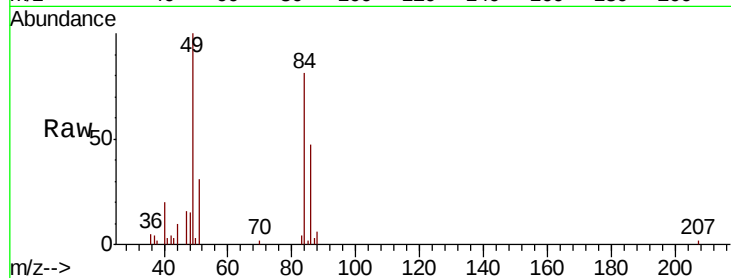




#20
Methylene Chloride
Concen: 10.104 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066003.D
Acq: 22 Jul 2020 15:54

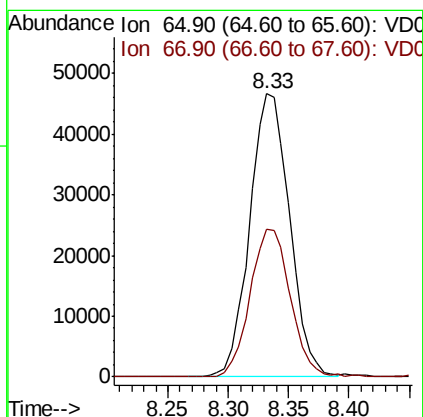
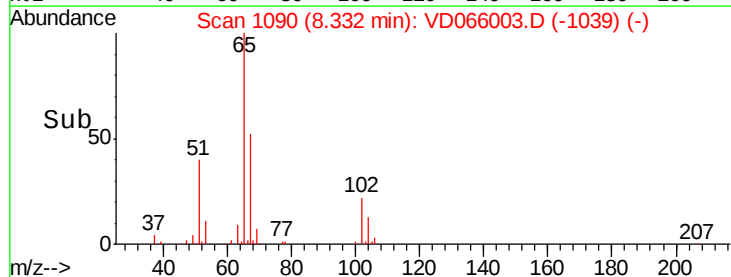
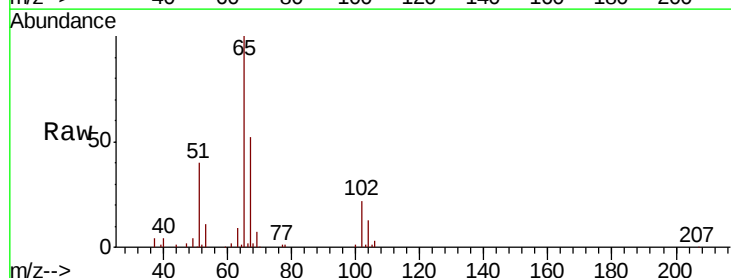
Instrument :
MSVOA_D
ClientSampleId :
SP-3

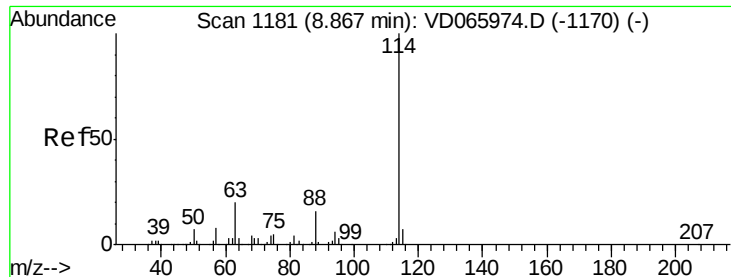
Tot Ion: 84 Resp: 26624
Ion Ratio Lower Upper
84 100
49 124.1 97.7 146.5
51 38.0 27.4 41.2
86 58.1 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 56.024 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066003.D
Acq: 22 Jul 2020 15:54

Tgt Ion: 65 Resp: 106876
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

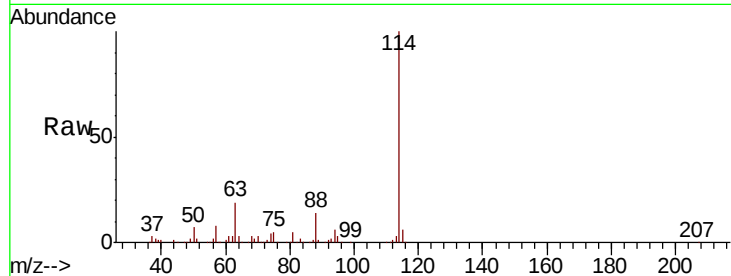




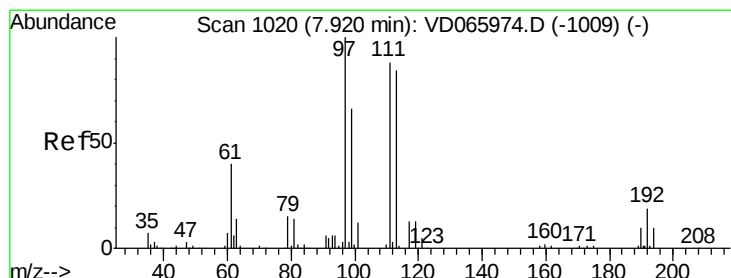
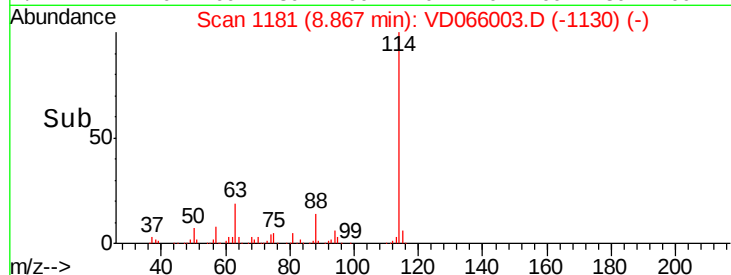
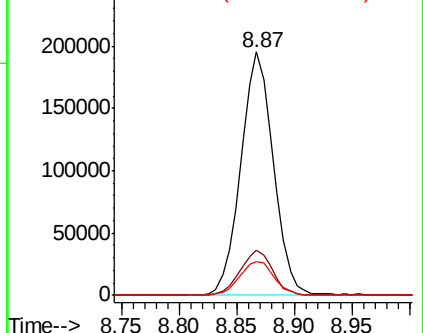
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066003.D
 Acq: 22 Jul 2020 15:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Tot Ion:114 Resp: 382700
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.6
 88 13.9 0.0 31.2

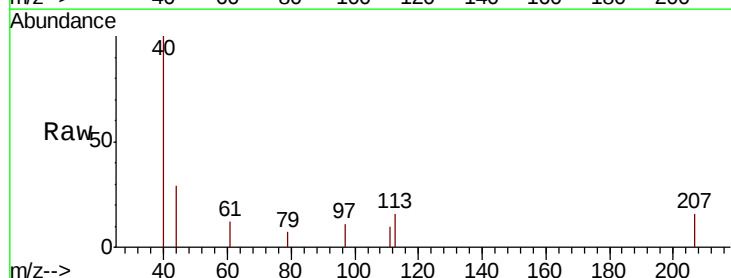


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

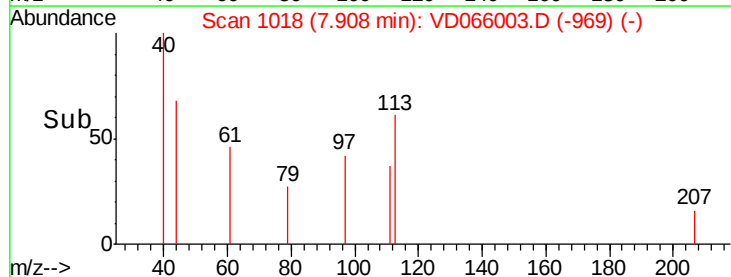
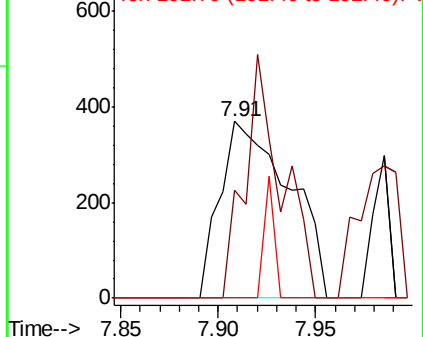


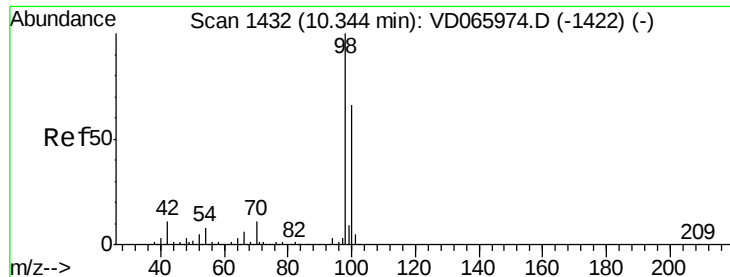
#35
 Dibromofluoromethane
 Concen: 0.392 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066003.D
 Acq: 22 Jul 2020 15:54

Tgt Ion:113 Resp: 909
 Ion Ratio Lower Upper
 113 100
 111 73.3 83.2 124.8#
 192 9.9 18.7 28.1#



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 41.383 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066003.D

Acq: 22 Jul 2020 15:54

Instrument :

MSVOA_D

ClientSampleId :

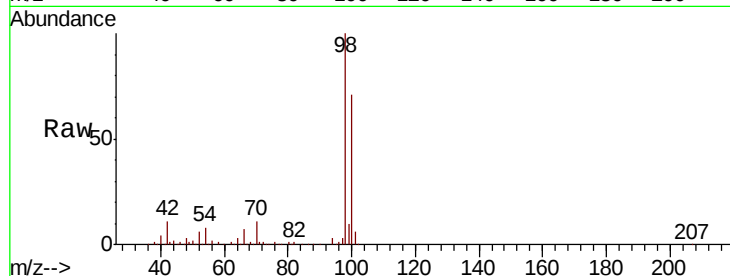
SP-3

Tot Ion: 98 Resp: 357844

Ion Ratio Lower Upper

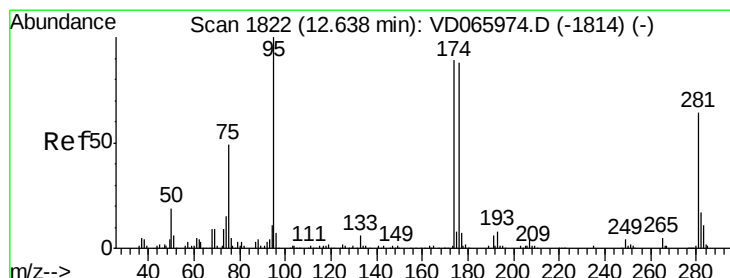
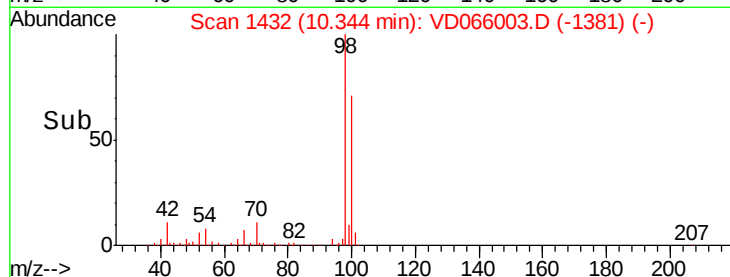
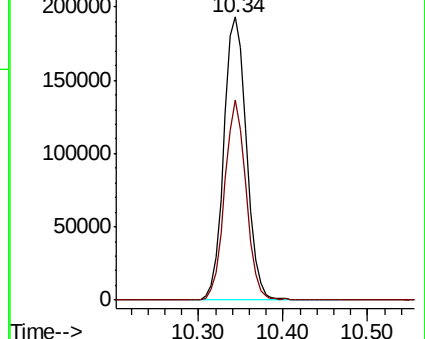
98 100

100 66.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 39.934 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066003.D

Acq: 22 Jul 2020 15:54

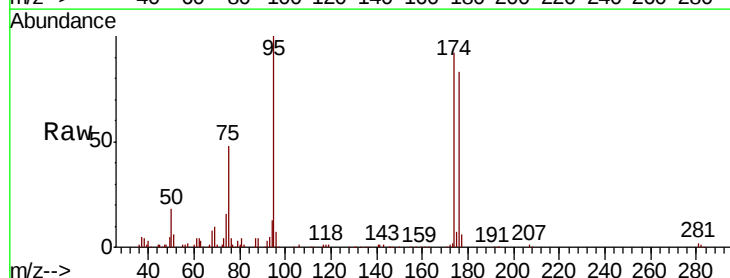
Tgt Ion: 95 Resp: 119733

Ion Ratio Lower Upper

95 100

174 94.9 0.0 178.8

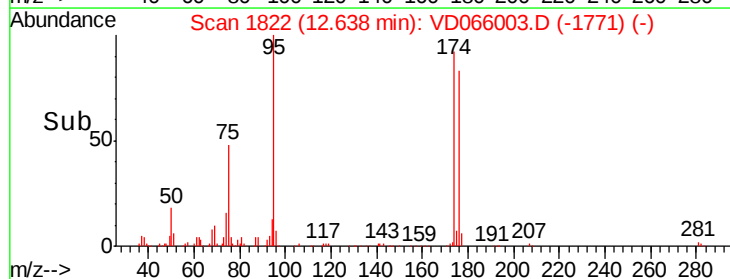
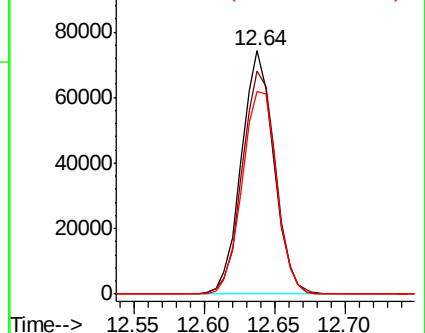
176 88.7 0.0 172.6

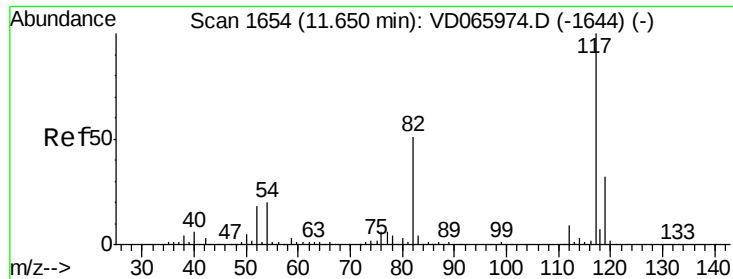


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

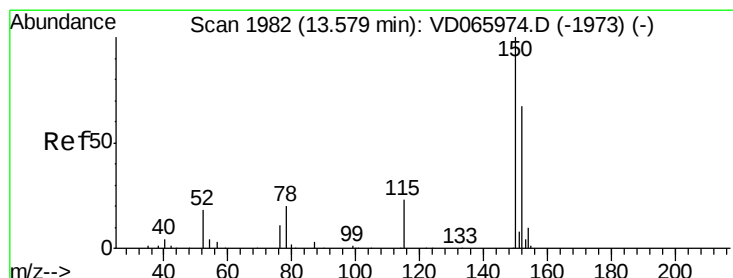
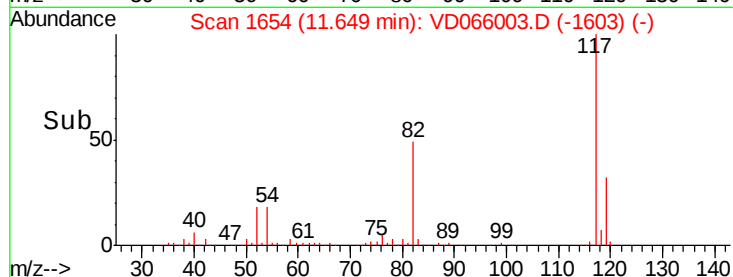
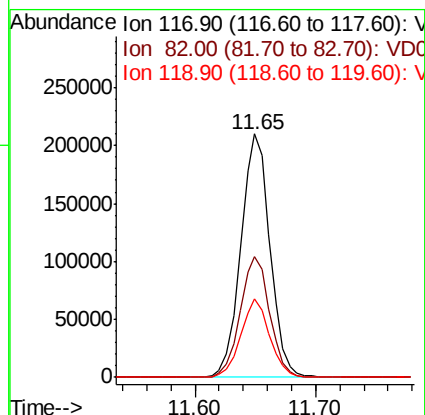
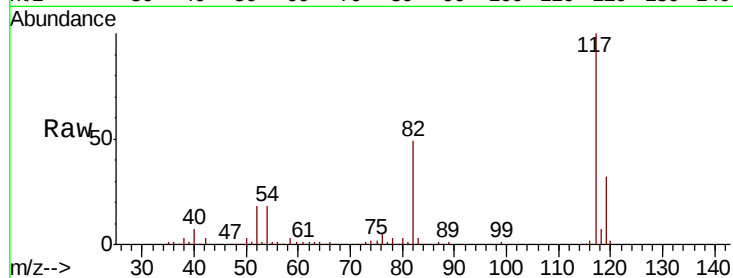




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066003.D
Acq: 22 Jul 2020 15:54

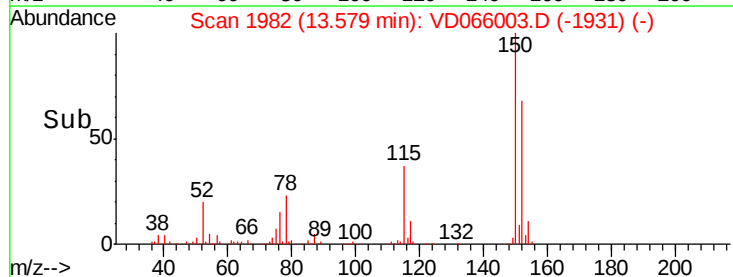
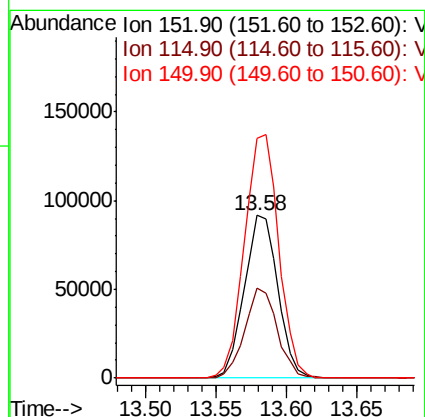
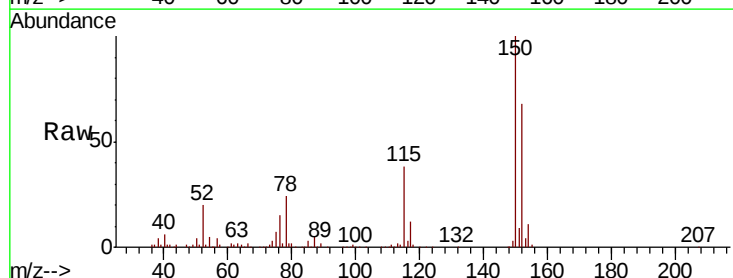
Instrument :
MSVOA_D
ClientSampled :
SP-3

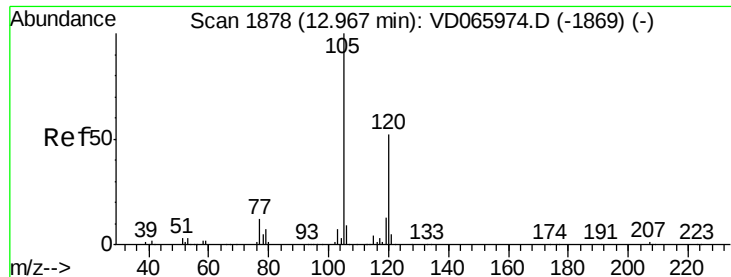
Tot Ion:117 Resp: 353136
Ion Ratio Lower Upper
117 100
82 49.4 41.1 61.7
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066003.D
Acq: 22 Jul 2020 15:54

Tgt Ion:152 Resp: 152780
Ion Ratio Lower Upper
152 100
115 53.6 27.9 83.7
150 152.9 0.0 348.2



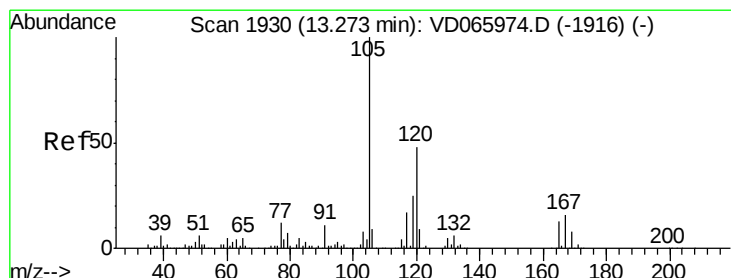
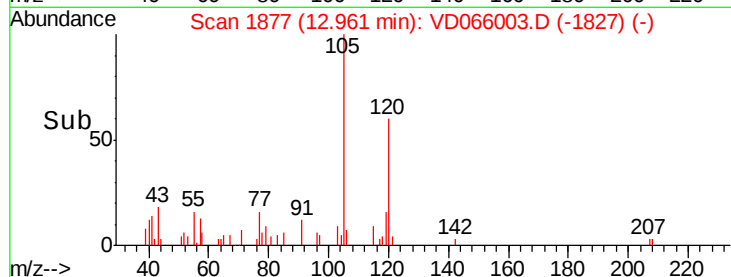
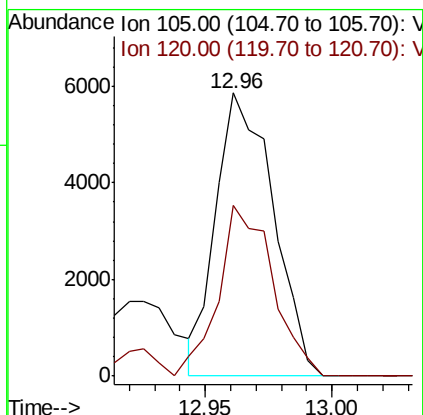
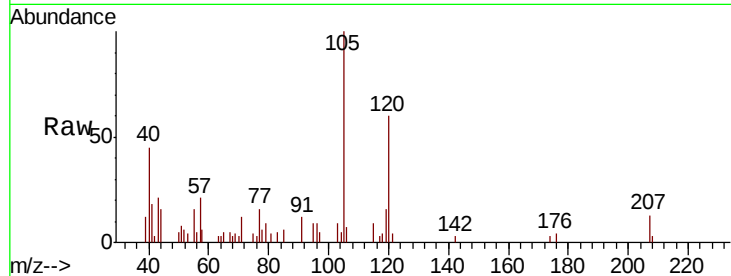


#80

1,3,5-Trimethylbenzene
 Concen: 1.209 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD066003.D
 Acq: 22 Jul 2020 15:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

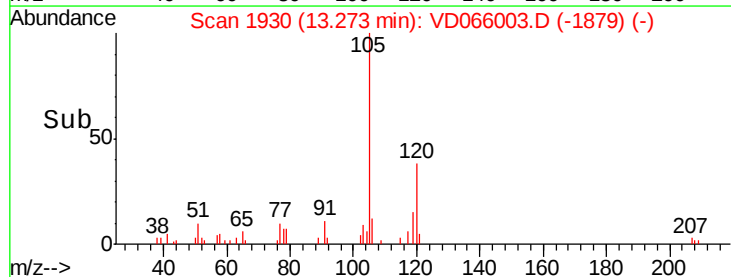
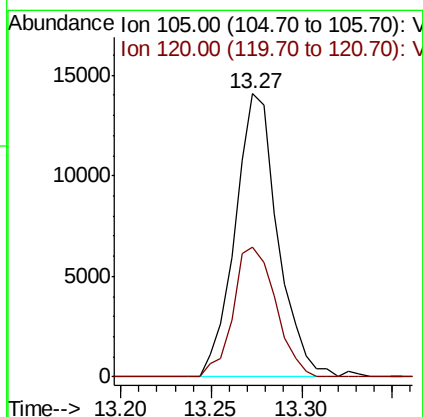
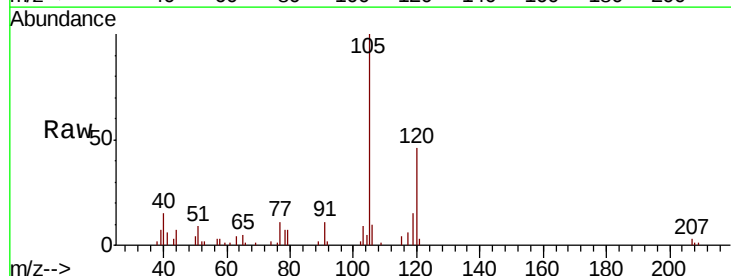
Tot Ion:105 Resp: 9186
 Ion Ratio Lower Upper
 105 100
 120 57.3 25.6 76.6

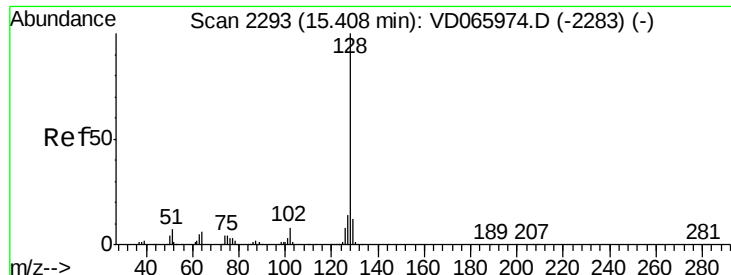


#84

1,2,4-Trimethylbenzene
 Concen: 3.072 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066003.D
 Acq: 22 Jul 2020 15:54

Tgt Ion:105 Resp: 23023
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.9 71.8





#95

Naphthalene

Concen: 5.949 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066003.D

Acq: 22 Jul 2020 15:54

Instrument :

MSVOA_D

ClientSampleId :

SP-3

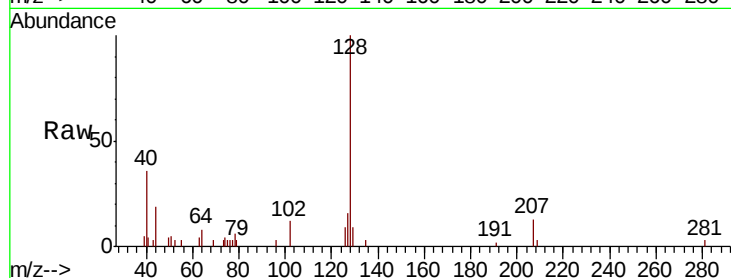
Tot Ion:128 Resp: 12543

Ion Ratio Lower Upper

128 100

127 16.7 10.8 16.2#

129 13.1 8.9 13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

